

Utah Metro Occupational Projections 2002 - 2012

SOC Code	Stars	Employment		Annual Openings			Hourly Wage		Training Level
		2002	2012	Growth	Replace-ments	Total	Entry	Average	
11-0000 Management Occupations		58,230	76,910	1,870	1,080	2,950			
11-1000 Top Executives		16,970	22,120	510	320	830			
11-1011 Chief Executives	3	3,860	5,030	120	70	190	\$30.40	\$64.10	Experience plus Degree
11-1021 General and Operations Managers	5	12,830	16,730	390	240	630	\$18.10	\$37.70	Experience plus Degree
11-1031 Legislators	0	290	360	10	0	10	\$5.90	\$11.70	Experience plus Degree
11-2000 Advertising, Marketing, Promotions, Public Relations, and Sales Managers		6,450	8,940	250	120	370			
11-2011 Advertising and Promotions Managers	4	1,040	1,440	40	20	60	\$14.30	\$27.50	Experience plus Degree
11-2021 Marketing Managers	4	1,510	2,010	50	30	80	\$21.30	\$39.50	Experience plus Degree
11-2022 Sales Managers	5	3,420	4,870	150	60	210	\$19.10	\$37.90	Experience plus Degree
11-2031 Public Relations Managers	2	480	610	10	10	20	\$19.40	\$32.80	Experience plus Degree
11-3000 Operations Specialties Managers		12,610	16,500	390	220	610			
11-3011 Administrative Services Managers	4	2,030	2,610	60	40	100	\$13.80	\$25.20	Experience plus Degree
11-3021 Computer and Information Systems Managers	4	1,650	2,360	70	30	100	\$23.10	\$39.00	Experience plus Degree
11-3031 Financial Managers	5	4,660	6,090	140	70	210	\$16.90	\$33.80	Experience plus Degree
11-3040 Human Resources Managers	5	1,420	1,900	50	20	70	\$18.50	\$30.80	Experience plus Degree
11-3051 Industrial Production Managers	2	1,220	1,510	30	20	50	\$21.00	\$34.50	Bachelor's degree
11-3061 Purchasing Managers	3	750	850	10	20	30	\$18.20	\$31.70	Experience plus Degree
11-3071 Transportation, Storage, and Distribution Managers	5	900	1,180	30	20	50	\$19.30	\$30.60	Related Work Experience
11-9000 Other Management Occupations		22,190	29,360	720	430	1,150			
11-9011 Farm, Ranch, and Other Agricultural Managers	2	370	400	0	10	10	\$21.60	\$27.10	Experience plus Degree
11-9012 Farmers and Ranchers	2	180	140	0	0	0			Long-term on-the-job training
11-9021 Construction Managers	3	2,680	3,650	100	50	150	\$21.90	\$34.10	Bachelor's degree
11-9031 Education Administrators, Preschool and Child Care Center/Program	3	350	510	20	10	30	\$10.50	\$23.50	Experience plus Degree
11-9032 Education Administrators, Elementary and Secondary School	5	1,020	1,450	40	30	70	\$60,500	\$69,300 *	Experience plus Degree
11-9033 Education Administrators, Postsecondary	3	730	980	30	20	40	\$19.40	\$34.20	Experience plus Degree
11-9039 Education Administrators, All Other	1	60	70	0	0	0			Experience plus Degree
11-9041 Engineering Managers	4	1,520	1,890	40	30	70	\$29.90	\$42.50	Experience plus Degree
11-9051 Food Service Managers	5	3,030	4,380	140	50	190	\$11.60	\$17.40	Related Work Experience
11-9061 Funeral Directors	3	120	160	0	0	10	\$20.70	\$31.20	Associate degree
11-9081 Lodging Managers	5	380	530	20	10	20	\$14.40	\$19.90	Related Work Experience
11-9111 Medical and Health Services Managers	5	1,490	2,100	60	30	90	\$20.70	\$33.00	Experience plus Degree
11-9121 Natural Sciences Managers	3	510	620	10	10	20	\$23.10	\$35.10	Experience plus Degree
11-9141 Property, Real Estate, and Community Association Managers	1	2,200	3,130	90	40	130	\$8.70	\$16.40	Bachelor's degree
11-9151 Social and Community Service Managers	1	1,050	1,360	30	20	50	\$15.30	\$24.20	Bachelor's degree
11-9199 Managers, All Other	5	6,480	7,950	150	130	270	\$19.80	\$33.00	Related Work Experience

* Annual Wages.

NOTE: Detail may not add to totals due to rounding and the exclusion of small occupations.

Source: Utah Department of Workforce Services, Aug 2004.

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SOC Code	Stars	Employment		Annual Openings			Hourly Wage		Training Level
		2002	2012	Growth	Replace-ments	Total	Entry	Average	
13-0000 Business and Financial Operations Occupations		34,400	45,200	1,080	630	1,710			
13-1000 Business Operations Specialists		18,390	24,300	590	330	920			
13-1021 Purchasing Agents and Buyers, Farm Products	2	80	90	0	0	0	\$13.00	\$20.30	Related Work Experience
13-1022 Wholesale and Retail Buyers, Except Farm Products	4	1,010	1,140	10	30	40	\$11.40	\$20.70	Related Work Experience
13-1023 Purchasing Agents, Except Wholesale, Retail, and Farm Products	5	1,510	1,800	30	40	70	\$15.90	\$23.30	Related Work Experience
13-1031 Claims Adjusters, Examiners, and Investigators	5	1,060	1,450	40	10	50	\$15.60	\$23.80	Long-term on-the-job training
13-1032 Insurance Appraisers, Auto Damage	3	60	70	0	0	0	\$21.60	\$24.20	Long-term on-the-job training
13-1041 Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	4	680	830	20	20	30	\$14.30	\$21.60	Long-term on-the-job training
13-1051 Cost Estimators	5	1,380	1,820	40	30	80	\$14.30	\$23.00	Related Work Experience
13-1061 Emergency Management Specialists	4	130	170	0	0	10	\$14.80	\$23.60	Related Work Experience
13-1071 Employment, Recruitment, and Placement Specialists	3	1,090	1,460	40	20	50	\$14.20	\$21.70	Bachelor's degree
13-1072 Compensation, Benefits, and Job Analysis Specialists	4	780	1,160	40	10	50	\$13.80	\$21.40	Bachelor's degree
13-1073 Training and Development Specialists	3	1,680	2,380	70	30	100	\$12.90	\$21.60	Bachelor's degree
13-1111 Management Analysts	3	2,600	3,690	110	40	150	\$19.30	\$34.50	Experience plus Degree
13-1121 Meeting and Convention Planners	2	370	490	10	10	20	\$11.60	\$16.80	Bachelor's degree
13-1199 Business Operations Specialists, All Other	4	5,930	7,680	170	100	280	\$16.20	\$25.20	Bachelor's degree
13-2000 Financial Specialists		16,010	20,890	490	300	790			
13-2011 Accountants and Auditors	3	6,550	8,710	220	120	340	\$15.00	\$22.50	Bachelor's degree
13-2021 Appraisers and Assessors of Real Estate	4	1,070	1,590	50	20	80	\$9.10	\$18.40	Postsecondary vocational training
13-2031 Budget Analysts	1	490	560	10	10	20	\$19.80	\$25.90	Bachelor's degree
13-2041 Credit Analysts	0	720	970	30	10	40	\$10.90	\$20.60	Bachelor's degree
13-2051 Financial Analysts	3	700	910	20	10	30	\$17.70	\$29.80	Bachelor's degree
13-2052 Personal Financial Advisors	4	840	1,220	40	10	50	\$17.50	\$39.60	Bachelor's degree
13-2053 Insurance Underwriters	1	390	520	10	10	20	\$14.20	\$21.80	Bachelor's degree
13-2061 Financial Examiners	5	200	240	0	10	10	\$16.50	\$27.80	Bachelor's degree
13-2072 Loan Officers	1	1,610	2,210	60	30	90	\$13.40	\$21.60	Bachelor's degree
13-2081 Tax Examiners, Collectors, and Revenue Agents	0	1,840	1,880	0	40	50	\$14.00	\$17.50	Bachelor's degree
13-2082 Tax Preparers	3	530	740	20	10	30	\$9.80	\$11.70	Moderate-term on-the-job training
13-2099 Financial Specialists, All Other	0	1,040	1,300	30	20	50	\$11.70	\$20.40	Bachelor's degree

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Utah Metro Occupational Projections 2002 - 2012

SOC Code	Stars	Employment		Annual Openings		Hourly Wage		Training Level	
		2002	2012	Growth	Replace-ments	Total	Entry		Average
15-0000 Computer and Mathematical Occupations			25,360	35,530	1,020	360	1,380		
15-1000 Computer Specialists			22,620	32,070	950	300	1,250		
15-1011 Computer and Information Scientists, Research	4	290	430	10	0	20	\$14.90	\$29.40	Doctoral degree
15-1021 Computer Programmers	4	3,700	4,450	80	90	160	\$14.00	\$26.10	Bachelor's degree
15-1031 Computer Software Engineers, Applications	5	2,540	3,870	130	30	160	\$22.00	\$33.70	Bachelor's degree
15-1032 Computer Software Engineers, Systems Software	5	1,830	2,950	110	20	130	\$21.40	\$32.80	Bachelor's degree
15-1041 Computer Support Specialists	3	5,480	7,650	220	70	290	\$9.50	\$14.90	Associate degree
15-1051 Computer Systems Analysts	5	3,060	4,200	110	40	150	\$21.10	\$28.50	Bachelor's degree
15-1061 Database Administrators	5	560	850	30	10	40	\$19.40	\$29.20	Bachelor's degree
15-1071 Network and Computer Systems Administrators	4	1,570	2,230	70	20	80	\$17.30	\$25.40	Bachelor's degree
15-1081 Network Systems and Data Communications Analysts	4	1,130	1,910	80	10	90	\$15.40	\$24.80	Bachelor's degree
15-1099 Computer Specialists, All Other	5	2,470	3,530	110	30	140	\$11.00	\$22.20	Associate degree
15-2000 Mathematical Science Occupations			2,740	3,470	70	60	140		
15-2011 Actuaries	3	60	70	0	0	0	\$21.60	\$34.90	Experience plus Degree
15-2031 Operations Research Analysts	3	2,460	3,120	70	50	120	\$16.10	\$28.00	Master's degree
15-2041 Statisticians	1	210	260	10	10	10	\$12.10	\$17.90	Master's degree

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SOC Code	Stars	Employment		Annual Openings			Hourly Wage		Training Level	
		2002	2012	Growth	Replacements	Total	Entry	Average		
17-0000 Architecture and Engineering Occupations			15,780	20,260	450	360	810			
17-1000 Architects, Surveyors, and Cartographers			1,320	1,890	60	30	90			
17-1011	Architects, Except Landscape and Naval	4	640	980	40	10	40	\$17.20	\$26.90	Bachelor's degree
17-1012	Landscape Architects	2	100	150	10	0	10	\$15.10	\$19.40	Bachelor's degree
17-1021	Cartographers and Photogrammetrists	0	130	170	0	0	10	\$14.10	\$21.00	Bachelor's degree
17-1022	Surveyors	1	450	590	10	20	30	\$12.10	\$18.70	Bachelor's degree
17-2000 Engineers			7,450	9,220	180	160	340			
17-2011	Aerospace Engineers	2	200	200	0	10	10	\$26.80	\$32.40	Bachelor's degree
17-2031	Biomedical Engineers	3	80	110	0	0	0	\$23.40	\$32.00	Bachelor's degree
17-2041	Chemical Engineers	3	130	170	0	0	10	\$22.80	\$30.30	Bachelor's degree
17-2051	Civil Engineers	2	990	1,280	30	20	40	\$21.00	\$29.90	Bachelor's degree
17-2061	Computer Hardware Engineers	1	460	600	10	10	20	\$19.30	\$28.80	Bachelor's degree
17-2071	Electrical Engineers	2	630	750	10	10	20	\$24.50	\$35.20	Bachelor's degree
17-2072	Electronics Engineers, Except Computer	5	960	1,100	10	20	30	\$24.70	\$31.40	Bachelor's degree
17-2081	Environmental Engineers	5	270	390	10	10	20	\$22.30	\$30.90	Bachelor's degree
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	5	590	770	20	10	30	\$21.60	\$29.80	Bachelor's degree
17-2112	Industrial Engineers	4	940	1,220	30	20	50	\$20.80	\$28.80	Bachelor's degree
17-2131	Materials Engineers	2	160	180	0	0	10	\$17.50	\$26.60	Bachelor's degree
17-2141	Mechanical Engineers	4	1,310	1,570	30	40	60	\$22.20	\$29.90	Bachelor's degree
17-2171	Petroleum Engineers	3	70	90	0	0	10	\$17.70	\$32.60	Bachelor's degree
17-2199	Engineers, All Other	1	570	720	20	10	30	\$14.90	\$25.60	Bachelor's degree
17-3000 Drafters, Engineering, and Mapping Technicians			7,020	9,150	220	170	380			
17-3011	Architectural and Civil Drafters	4	770	1,000	20	20	50	\$11.40	\$16.70	Postsecondary vocational training
17-3012	Electrical and Electronics Drafters	2	210	240	0	10	10	\$14.50	\$23.30	Postsecondary vocational training
17-3013	Mechanical Drafters	3	510	620	10	10	30	\$11.70	\$18.20	Postsecondary vocational training
17-3021	Aerospace Engineering and Operations Technicians	3	50	70	0	0	0	\$17.20	\$28.10	Associate degree
17-3022	Civil Engineering Technicians	3	460	580	10	10	20	\$13.50	\$19.00	Associate degree
17-3023	Electrical and Electronic Engineering Technicians	5	1,800	2,480	70	40	110	\$8.30	\$19.50	Associate degree
17-3024	Electro-Mechanical Technicians	2	310	360	10	10	10	\$16.10	\$20.60	Associate degree
17-3025	Environmental Engineering Technicians	3	410	600	20	10	30	\$12.00	\$16.30	Associate degree
17-3026	Industrial Engineering Technicians	3	870	1,000	10	20	30	\$14.70	\$20.30	Associate degree
17-3027	Mechanical Engineering Technicians	4	420	540	10	10	20	\$14.50	\$19.40	Associate degree
17-3031	Surveying and Mapping Technicians	5	550	810	30	20	50	\$10.00	\$14.80	Moderate-term on-the-job training
17-3099	Drafters, Engineering, and Mapping Technicians, All Other (OES Only)	3	680	850	20	20	30	\$11.00	\$19.10	Associate degree

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19-0000 Life, Physical, and Social Science Occupations			9,940	12,930	300	230	530		
19-1000 Life Scientists			2,000	2,630	60	40	110		
19-1010 Agricultural and Food Scientists	3	230	290	10	0	10	\$20.50	\$25.30	Bachelor's degree
19-1021 Biochemists and Biophysicists	3	180	280	10	10	20	\$17.30	\$23.80	Doctoral degree
19-1022 Microbiologists	0	90	130	0	0	10	\$16.80	\$22.40	Doctoral degree
19-1023 Zoologists and Wildlife Biologists	0	100	110	0	0	0	\$15.60	\$21.30	Bachelor's degree
19-1031 Conservation Scientists	2	50	60	0	0	0	\$19.70	\$27.20	Bachelor's degree
19-1032 Foresters	1	100	110	0	0	0	\$14.40	\$21.60	Bachelor's degree
19-1042 Medical Scientists, Except Epidemiologists	1	370	560	20	10	30	\$16.00	\$22.10	Doctoral degree
19-1099 Life Scientists, All Other	0	860	1,060	20	20	40	\$12.00	\$19.40	Bachelor's degree
19-2000 Physical Scientists			1,340	1,690	40	30	70		
19-2021 Atmospheric and Space Scientists	4	50	50	0	0	0	\$30.00	\$36.00	Bachelor's degree
19-2031 Chemists	1	430	570	10	10	30	\$16.40	\$25.20	Bachelor's degree
19-2041 Environmental Scientists and Specialists, Including Health	4	400	520	10	10	20	\$19.30	\$25.10	Master's degree
19-2042 Geoscientists, Except Hydrologists and Geographers	2	130	150	0	0	0	\$19.70	\$28.70	Master's degree
19-2043 Hydrologists	3	100	140	0	0	10	\$22.80	\$32.70	Master's degree
19-2099 Physical Scientists, All Other	1	190	210	0	0	10	\$14.60	\$25.90	Bachelor's degree
19-3000 Social Scientists and Related Workers			3,590	4,870	130	90	220		
19-3011 Economists	2	90	120	0	0	10	\$19.20	\$38.20	Master's degree
19-3021 Market Research Analysts	1	1,020	1,400	40	30	60	\$15.50	\$25.80	Master's degree
19-3022 Survey Researchers	1	430	570	10	10	30	\$10.20	\$10.70	Master's degree
19-3031 Clinical, Counseling, and School Psychologists	4	1,450	2,060	60	30	90	\$16.00	\$30.50	Doctoral degree
19-3051 Urban and Regional Planners	1	130	170	0	0	10	\$17.30	\$23.80	Master's degree
19-3099 Social Scientists and Related Workers, All Other	3	370	430	10	10	10	\$12.10	\$21.20	Master's degree
19-4000 Life, Physical, and Social Science Technicians			3,020	3,740	70	70	140		
19-4021 Biological Technicians	0	240	310	10	0	10	\$9.50	\$13.20	Associate degree
19-4031 Chemical Technicians	0	240	300	10	10	10	\$10.50	\$15.00	Associate degree
19-4091 Environmental Science and Protection Technicians, Including Health	4	170	230	10	0	10	\$10.60	\$17.00	Associate degree
19-4092 Forensic Science Technicians	2	70	90	0	0	0	\$13.90	\$16.70	Associate degree
19-4093 Forest and Conservation Technicians	0	210	230	0	10	10	\$10.40	\$12.80	Associate degree
19-4099 Life, Physical, and Social Science Technicians, All Other	2	2,020	2,510	50	50	100	\$7.70	\$12.30	Associate degree

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21-0000 Community and Social Services Occupations		13,190	18,270	510	260	760			
21-1000 Counselors, Social Workers, and Other Community and Social Service Specialists		10,840	15,330	450	210	660			
21-1011 Substance Abuse and Behavioral Disorder Counselors	2	430	570	10	10	20	\$8.00	\$12.70	Master's degree
21-1012 Educational, Vocational, and School Counselors	3	1,510	1,940	40	40	80	\$12.20	\$18.60	Master's degree
21-1013 Marriage and Family Therapists	2	90	130	0	0	10	\$15.60	\$18.70	Master's degree
21-1014 Mental Health Counselors	0	1,070	1,460	40	20	60	\$9.60	\$12.70	Master's degree
21-1015 Rehabilitation Counselors	1	670	950	30	20	40	\$7.90	\$12.90	Master's degree
21-1021 Child, Family, and School Social Workers	0	2,330	3,130	80	40	120	\$10.40	\$16.30	Bachelor's degree
21-1022 Medical and Public Health Social Workers	3	570	820	30	10	40	\$12.80	\$20.30	Bachelor's degree
21-1023 Mental Health and Substance Abuse Social Workers	3	630	920	30	10	40	\$13.40	\$24.60	Master's degree
21-1091 Health Educators	1	250	350	10	10	20	\$10.80	\$17.70	Master's degree
21-1092 Probation Officers and Correctional Treatment Specialists	0	510	650	10	10	20	\$12.20	\$15.00	Bachelor's degree
21-1093 Social and Human Service Assistants	3	2,790	4,420	160	50	210	\$7.70	\$11.20	Moderate-term on-the-job training
21-2000 Religious Workers		2,350	2,940	60	50	100			
21-2011 Clergy	1	1,000	1,130	10	20	30	\$14.10	\$22.80	First professional degree
21-2021 Directors, Religious Activities and Education	0	70	90	0	0	0	\$19.30	\$19.30	Bachelor's degree
21-9099 Counselors, Social, and Religious Workers, All Other (OES Only)	1	1,280	1,720	40	20	70	\$9.60	\$14.60	Bachelor's degree
23-0000 Legal Occupations		6,680	8,230	160	80	240			
23-1000 Lawyers, Judges, and Related Workers		4,160	5,300	110	60	170			
23-1011 Lawyers	5	3,780	4,830	110	50	150	\$34.50	\$62.40	First professional degree
23-1021 Administrative Law Judges, Adjudicators, and Hearing Officers	3	130	160	0	0	0	\$16.90	\$27.70	Experience plus Degree
23-1022 Arbitrators, Mediators, and Conciliators	1	210	270	10	0	10	\$13.70	\$20.80	Experience plus Degree
23-2000 Legal Support Workers		1,580	1,950	40	20	50			
23-2011 Paralegals and Legal Assistants	5	630	860	20	10	30	\$14.00	\$18.50	Associate degree
23-2092 Law Clerks	2	180	210	0	0	10	\$11.90	\$18.20	Bachelor's degree
23-2093 Title Examiners, Abstractors, and Searchers	3	750	860	10	10	20	\$15.00	\$22.50	Moderate-term on-the-job training
23-9099 Legal and Related Workers, All Other (OES Only)		950	990	0	10	10			
23-9099 Legal and Related Workers, All Other (OES Only)	0	950	990	0	10	10	\$15.70	\$19.00	Bachelor's degree

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25-0000 Education, Training, and Library Occupations		47,410	66,000	1,860	990	2,850			
25-1000 Postsecondary Teachers		12,120	17,710	560	220	780			
25-1011 Business Teachers, Postsecondary	4	390	570	20	10	30	\$39,500	\$66,000 *	Master's degree
25-1021 Computer Science Teachers, Postsecondary	4	170	250	10	0	10	\$36,000	\$64,500 *	Master's degree
25-1022 Mathematical Science Teachers, Postsecondary	3	170	250	10	0	10	\$37,300	\$64,500 *	Master's degree
25-1032 Engineering Teachers, Postsecondary	4	90	130	0	0	10	\$50,200	\$89,900 *	Doctoral degree
25-1042 Biological Science Teachers, Postsecondary	4	110	160	10	0	10	\$41,700	\$67,400 *	Doctoral degree
25-1054 Physics Teachers, Postsecondary	4	60	90	0	0	0	\$44,700	\$74,000 *	Doctoral degree
25-1066 Psychology Teachers, Postsecondary	4	80	120	0	0	10	\$37,000	\$65,700 *	Doctoral degree
25-1071 Health Specialties Teachers, Postsecondary	4	360	530	20	10	30	\$40,000	\$63,000 *	Master's degree
25-1072 Nursing Instructors and Teachers, Postsecondary	4	200	290	10	10	10	\$39,000	\$55,400 *	Doctoral degree
25-1081 Education Teachers, Postsecondary	3	260	390	10	10	20	\$30,100	\$47,500 *	Doctoral degree
25-1121 Art, Drama, and Music Teachers, Postsecondary	4	260	380	10	10	20	\$29,100	\$50,000 *	Master's degree
25-1122 Communications Teachers, Postsecondary	4	70	100	0	0	10	\$34,700	\$51,900 *	Doctoral degree
25-1123 English Language and Literature Teachers, Postsecondary	1	200	290	10	10	10	\$33,300	\$49,400 *	Master's degree
25-1124 Foreign Language and Literature Teachers, Postsecondary	3	60	90	0	0	0	\$36,900	\$53,200 *	Master's degree
25-1125 History Teachers, Postsecondary	4	60	80	0	0	0	\$38,600	\$62,100 *	Doctoral degree
25-1191 Graduate Teaching Assistants	2	1,360	1,940	60	30	90	\$13,300	\$22,200 *	Bachelor's degree
25-1193 Recreation and Fitness Studies Teachers, Postsecondary	2	150	200	10	0	10	\$16,500	\$37,400 *	Master's degree
25-1194 Vocational Education Teachers, Postsecondary	5	2,500	3,650	120	60	170	\$15.00	\$20.40	Related Work Experience
25-1199 Postsecondary Teachers, All Other	2	240	340	10	10	20	\$16,200	\$28,700 *	Doctoral degree
25-2011 Preschool Teachers, Except Special Education	2	4,980	7,340	240	60	300	\$7.40	\$9.20	Postsecondary vocational training
25-2000 Primary, Secondary, and Special Education School Teachers		19,000	25,860	690	450	1,140			
25-2012 Kindergarten Teachers, Except Special Education	3	440	650	20	10	30	\$21,600	\$36,100 *	Bachelor's degree
25-2021 Elementary School Teachers, Except Special Education	2	6,770	9,160	240	150	390	\$27,700	\$38,300 *	Bachelor's degree
25-2022 Middle School Teachers, Except Special and Vocational Education	0	4,770	6,120	140	110	240	\$27,900	\$39,300 *	Bachelor's degree
25-2023 Vocational Education Teachers, Middle School	0	170	220	10	0	10	\$20,800	\$32,100 *	Experience plus Degree
25-2031 Secondary School Teachers, Except Special and Vocational Education	3	5,100	7,100	200	140	340	\$33,200	\$47,200 *	Bachelor's degree
25-2032 Vocational Education Teachers, Secondary School	3	310	400	10	10	20	\$33,900	\$42,500 *	Experience plus Degree
25-2041 Special Education Teachers, Preschool, Kindergarten, and Elementary School	3	700	1,060	40	20	50	\$29,100	\$39,300 *	Bachelor's degree
25-2042 Special Education Teachers, Middle School	2	180	280	10	0	10	\$25,800	\$36,900 *	Bachelor's degree
25-2043 Special Education Teachers, Secondary School	3	580	890	30	10	50	\$29,900	\$42,500 *	Bachelor's degree
25-3000 Other Teachers and Instructors		2,440	3,270	80	30	110			
25-3011 Adult Literacy, Remedial Education, and GED Teachers and Instructors	0	250	330	10	0	10	\$10.00	\$16.60	Bachelor's degree
25-3021 Self-Enrichment Education Teachers	4	1,120	1,410	30	10	40	\$8.40	\$12.90	Related Work Experience
25-3999 Teachers, Primary, Secondary, and Adult, All Other (OES Only)	0	1,070	1,530	50	10	60			Bachelor's degree
25-4000 Librarians, Curators, and Archivists		13,860	19,160	530	280	820			
25-4010 Archivists, Curators, and Museum Technicians	1	120	160	0	0	10	\$14.80	\$18.00	Master's degree
25-4021 Librarians	1	780	970	20	20	40	\$11.70	\$19.30	Master's degree
25-4031 Library Technicians	3	910	1,170	30	30	60	\$7.30	\$10.80	Short-term on-the-job training
25-9011 Audio-Visual Collections Specialists	3	50	60	0	0	0	\$13.50	\$18.40	Moderate-term on-the-job training
25-9031 Instructional Coordinators	1	740	1,030	30	10	40	\$14.80	\$21.60	Master's degree
25-9041 Teacher Assistants	2	11,070	15,530	450	210	660	\$13,600	\$18,300 *	Short-term on-the-job training
25-9199 Library, Museum, Training, and Other Education Workers, All Other (OES Only)	2	190	250	10	0	10	\$9.80	\$13.40	Bachelor's degree

* Annual Wages.

NOTE: Detail may not add to totals due to rounding and the exclusion of small occupations.

Source: Utah Department of Workforce Services, Aug 2004.

Utah Metro Occupational Projections 2002 - 2012

SOC Code	Stars	Employment		Annual Openings			Hourly Wage		Training Level
		2002	2012	Growth	Replace-ments	Total	Entry	Average	
27-0000 Arts, Design, Entertainment, Sports, and Media Occupations		19,720	25,130	550	380	920			
27-1000 Art and Design Workers		6,240	8,040	180	100	280			
27-1011 Art Directors	2	300	370	10	10	10	\$16.10	\$27.90	Experience plus Degree
27-1013 Fine Artists, Including Painters, Sculptors, and Illustrators	3	340	460	10	10	20	\$8.50	\$14.50	Long-term on-the-job training
27-1014 Multi-Media Artists and Animators	3	1,260	1,560	30	30	60	\$10.30	\$19.00	Bachelor's degree
27-1021 Commercial and Industrial Designers	1	570	780	20	10	30	\$14.50	\$23.40	Bachelor's degree
27-1023 Floral Designers	1	600	720	10	10	20	\$7.40	\$9.50	Moderate-term on-the-job training
27-1024 Graphic Designers	2	1,530	2,030	50	20	70	\$11.00	\$17.00	Bachelor's degree
27-1025 Interior Designers	2	340	450	10	10	20	\$11.10	\$17.60	Bachelor's degree
27-1026 Merchandise Displayers and Window Trimmers	1	620	790	20	10	30	\$7.60	\$10.50	Moderate-term on-the-job training
27-1027 Set and Exhibit Designers	0	90	120	0	0	0	\$11.00	\$19.40	Bachelor's degree
27-1099 Art and Design Workers, All Other (OES Only)	1	560	730	20	10	30	\$8.10	\$13.10	Bachelor's degree
27-2000 Entertainers, and Performers, Sports, and Related Workers		4,980	6,240	130	100	230			
27-2011 Actors	2	1,140	1,440	30	20	40	\$12,500	\$29,700 *	Long-term on-the-job training
27-2012 Producers and Directors	4	600	770	20	10	30	\$25,900	\$60,900 *	Experience plus Degree
27-2021 Athletes and Sports Competitors	4	230	310	10	0	10	\$23,900	\$56,400 *	Long-term on-the-job training
27-2022 Coaches and Scouts	4	380	530	20	10	20	\$15,700	\$30,300 *	Long-term on-the-job training
27-2023 Umpires, Referees, and Other Sports Officials	1	80	110	0	0	0	\$13,500	\$15,500 *	Long-term on-the-job training
27-2031 Dancers	1	270	320	10	20	20	\$5.80	\$8.90	Long-term on-the-job training
27-2032 Choreographers	4	280	370	10	20	30	\$10.80	\$18.10	Related Work Experience
27-2041 Music Directors and Composers	0	80	100	0	0	0	\$25,300	\$39,700 *	Experience plus Degree
27-2042 Musicians and Singers	3	410	490	10	10	20	\$12,700	\$38,700 *	Long-term on-the-job training
27-2099 Entertainers and Performers, Sports and Related Workers, All Other	2	1,500	1,810	30	20	50	\$12,800	\$16,100 *	Long-term on-the-job training
27-3000 Media and Communication Workers		5,490	7,050	160	110	260			
27-3010 Announcers	1	460	460	0	10	10	\$7.20	\$19.10	Long-term on-the-job training
27-3020 News Analysts, Reporters and Correspondents	1	340	360	0	10	10	\$12.10	\$18.40	Experience plus Degree
27-3031 Public Relations Specialists	1	820	1,140	30	10	40	\$14.10	\$22.00	Bachelor's degree
27-3041 Editors	1	750	970	20	20	40	\$11.50	\$19.20	Bachelor's degree
27-3042 Technical Writers	3	440	580	10	10	30	\$16.30	\$24.60	Bachelor's degree
27-3043 Writers and Authors	0	1,930	2,570	60	30	100	\$9.70	\$16.40	Bachelor's degree
27-3091 Interpreters and Translators	3	380	500	10	10	20	\$10.10	\$14.10	Long-term on-the-job training
27-3099 Media and Communication Workers, All Other	4	380	480	10	10	10	\$9.80	\$16.60	Long-term on-the-job training
27-4000 Media and Communication Equipment Workers		3,010	3,790	80	70	150			
27-4011 Audio and Video Equipment Technicians	4	810	1,120	30	20	50	\$9.70	\$14.00	Long-term on-the-job training
27-4012 Broadcast Technicians	2	340	400	10	10	10	\$9.80	\$17.60	Associate degree
27-4014 Sound Engineering Technicians	0	320	410	10	10	20	\$7.40	\$18.90	Postsecondary vocational training
27-4021 Photographers	3	750	910	20	20	30	\$8.20	\$14.10	Long-term on-the-job training
27-4031 Camera Operators, Television, Video, and Motion Picture	4	540	650	10	10	20	\$10.50	\$24.90	Moderate-term on-the-job training
27-4032 Film and Video Editors	4	80	100	0	0	0	\$14.20	\$27.50	Bachelor's degree
27-4099 Media and Communication Equipment Workers, All Other	1	180	210	0	0	10	\$7.30	\$16.00	Moderate-term on-the-job training

* Annual Wages.

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Source: Utah Department of Workforce Services, Aug 2004.

Utah Metro Occupational Projections 2002 - 2012

SOC Code	Stars	Employment		Annual Openings Replace- ments			Hourly Wage		Training Level
		2002	2012	Growth	Total		Entry	Average	
29-0000 Healthcare Practitioners, and Technical Occupations		39,780	54,570	1,480	760	2,240			
29-1000 Health Diagnosing and Treating Practitioners		25,130	34,840	970	500	1,470			
29-1011 Chiropractors	1	590	790	20	10	30	\$17.00	\$25.10	First professional degree
29-1020 Dentists	2	1,730	1,950	20	30	50	\$22.60	\$60.60	First professional degree
29-1031 Dietitians and Nutritionists	3	320	430	10	10	20	\$14.90	\$19.80	Bachelor's degree
29-1041 Optometrists	2	200	250	10	10	10	\$20.70	\$33.80	First professional degree
29-1051 Pharmacists	5	1,510	2,420	90	30	120	\$30.40	\$37.10	First professional degree
29-1061 Anesthesiologists	1	140	180	0	0	10	\$19.30	\$28.60	First professional degree
29-1062 Family and General Practitioners	3	680	860	20	10	30	\$40.30	\$75.70	First professional degree
29-1063 Internists, General	2	150	200	0	0	10		\$85.90	First professional degree
29-1064 Obstetricians and Gynecologists	2	90	110	0	0	0		\$100.70	First professional degree
29-1065 Pediatricians, General	4	160	200	10	0	10	\$65.50	\$82.70	First professional degree
29-1066 Psychiatrists	3	180	240	10	0	10	\$47.30	\$64.90	First professional degree
29-1067 Surgeons	2	360	470	10	10	20		\$100.30	First professional degree
29-1069 Physicians and Surgeons, All Other	3	190	200	0	0	0	\$42.40	\$51.80	First professional degree
29-1071 Physician Assistants	5	320	480	20	10	20	\$24.70	\$34.10	Bachelor's degree
29-1111 Registered Nurses	5	13,120	18,280	520	270	790	\$18.40	\$23.30	Associate degree
29-1121 Audiologists	3	50	70	0	0	0	\$21.00	\$25.70	Master's degree
29-1122 Occupational Therapists	3	440	650	20	10	30	\$8.70	\$20.50	Bachelor's degree
29-1123 Physical Therapists	5	740	1,080	30	10	40	\$19.80	\$28.00	Master's degree
29-1125 Recreational Therapists	0	260	320	10	10	10	\$10.50	\$14.90	Bachelor's degree
29-1126 Respiratory Therapists	5	470	720	30	20	40	\$16.90	\$19.90	Associate degree
29-1127 Speech-Language Pathologists	1	470	670	20	10	30	\$14.50	\$21.60	Master's degree
29-1131 Veterinarians	5	300	370	10	10	10	\$25.20	\$40.50	First professional degree
29-1199 Health Diagnosing and Treating Practitioners, All Other	2	2,610	3,810	120	60	180		\$90.60	Bachelor's degree
29-2000 Health Technologists and Technicians		12,770	17,340	460	230	680			
29-2011 Medical and Clinical Laboratory Technologists	3	990	1,320	30	30	60	\$13.50	\$19.70	Bachelor's degree
29-2012 Medical and Clinical Laboratory Technicians	2	1,180	1,550	40	30	70	\$7.80	\$11.00	Associate degree
29-2021 Dental Hygienists	5	660	940	30	10	30	\$29.80	\$37.70	Associate degree
29-2031 Cardiovascular Technologists and Technicians	5	250	370	10	10	20	\$12.80	\$19.90	Associate degree
29-2032 Diagnostic Medical Sonographers	4	270	370	10	10	20	\$19.10	\$23.80	Associate degree
29-2033 Nuclear Medicine Technologists	3	60	90	0	0	0	\$19.40	\$22.70	Associate degree
29-2034 Radiologic Technologists and Technicians	4	1,200	1,610	40	20	60	\$14.10	\$17.70	Associate degree
29-2041 Emergency Medical Technicians and Paramedics	2	970	1,270	30	10	40	\$8.30	\$12.50	Postsecondary vocational training
29-2051 Dietetic Technicians	1	140	180	10	0	10	\$8.60	\$11.60	Moderate-term on-the-job training
29-2052 Pharmacy Technicians	4	1,320	1,980	70	20	80	\$10.90	\$13.10	Moderate-term on-the-job training
29-2053 Psychiatric Technicians	1	870	1,050	20	10	30	\$8.50	\$10.40	Moderate-term on-the-job training
29-2054 Respiratory Therapy Technicians	4	110	170	10	0	10	\$11.80	\$16.80	Postsecondary vocational training
29-2055 Surgical Technologists	3	450	640	20	10	30	\$11.30	\$14.40	Postsecondary vocational training
29-2056 Veterinary Technologists and Technicians	1	270	360	10	0	10	\$6.90	\$9.30	Associate degree
29-2061 Licensed Practical and Licensed Vocational Nurses	3	2,300	2,930	60	50	110	\$12.00	\$15.20	Postsecondary vocational training
29-2071 Medical Records and Health Information Technicians	2	1,220	1,850	60	20	80	\$8.40	\$11.30	Associate degree
29-2081 Opticians, Dispensing	1	520	660	10	10	20	\$8.50	\$12.00	Long-term on-the-job training
29-9000 Other Healthcare Practitioners and Technical Occupations		1,890	2,390	50	40	90			
29-9010 Occupational Health and Safety Specialists and Technicians	1	170	210	0	0	10	\$16.70	\$26.80	Bachelor's degree
29-9091 Athletic Trainers	2	180	260	10	0	10			Bachelor's degree
29-9199 Health Professionals and Technicians, All Other (OES Only)	4	1,540	1,920	40	30	70	\$11.20	\$17.80	Postsecondary vocational training

* Annual Wages.

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Source: Utah Department of Workforce Services, Aug 2004.

Utah Metro Occupational Projections 2002 - 2012

SOC Code	Stars	Employment		Annual Openings			Hourly Wage		Training Level	
		2002	2012	Growth	Replacements	Total	Entry	Average		
31-0000 Healthcare Support Occupations			19,640	27,940	830	340	1,170			
31-1000	<i>Nursing, Psychiatric, and Home Health Aides</i>		8,390	11,790	340	110	450			
31-1011	Home Health Aides	2	1,560	2,520	100	20	120	\$7.30	\$9.50	Short-term on-the-job training
31-1012	Nursing Aides, Orderlies, and Attendants	2	6,450	8,760	230	90	320	\$7.90	\$9.50	Short-term on-the-job training
31-1013	Psychiatric Aides	1	380	520	10	10	20	\$7.90	\$9.30	Short-term on-the-job training
31-2000	<i>Occupational and Physical Therapist Assistants and Aides</i>		890	1,390	50	10	70			
31-2011	Occupational Therapist Assistants	4	130	190	10	0	10	\$14.00	\$17.40	Associate degree
31-2012	Occupational Therapist Aides	3	60	100	0	0	10	\$9.30	\$11.40	Short-term on-the-job training
31-2021	Physical Therapist Assistants	4	210	320	10	0	10	\$13.70	\$16.40	Associate degree
31-2022	Physical Therapist Aides	2	490	780	30	10	40	\$7.70	\$9.20	Short-term on-the-job training
31-9000	<i>Other Healthcare Support Occupations</i>		10,360	14,760	440	220	660			
31-9011	Massage Therapists	4	820	1,190	40	20	50	\$8.20	\$16.70	Postsecondary vocational training
31-9091	Dental Assistants	2	2,650	3,770	110	70	190	\$7.80	\$9.90	Moderate-term on-the-job training
31-9092	Medical Assistants	3	2,850	4,570	170	50	230	\$9.20	\$10.70	Moderate-term on-the-job training
31-9093	Medical Equipment Preparers	3	490	660	20	10	30	\$7.50	\$10.20	Short-term on-the-job training
31-9094	Medical Transcriptionists	1	460	610	20	10	20	\$9.20	\$13.30	Postsecondary vocational training
31-9095	Pharmacy Aides	1	290	370	10	10	10	\$7.50	\$11.00	Short-term on-the-job training
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	0	410	500	10	10	20	\$7.10	\$9.10	Short-term on-the-job training
31-9099	Healthcare Support Workers, All Other	3	2,400	3,100	70	40	120	\$8.70	\$11.00	Short-term on-the-job training
33-0000 Protective Service Occupations			16,800	22,090	530	550	1,080			
33-1000	<i>First-Line Supervisors/Managers, Protective Service Workers</i>		1,700	2,170	50	60	110			
33-1011	First-Line Supervisors/Managers of Correctional Officers	3	260	320	10	10	10	\$17.70	\$22.10	Related Work Experience
33-1012	First-Line Supervisors/Managers of Police and Detectives	5	800	1,010	20	30	50	\$18.70	\$26.30	Related Work Experience
33-1021	First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	4	360	460	10	20	30	\$20.20	\$27.50	Related Work Experience
33-1099	First-Line Supervisors/Managers, Protective Service Workers, All Other	5	280	390	10	10	20	\$11.60	\$18.00	Related Work Experience
33-2000	<i>Fire Fighting and Prevention Workers</i>		1,630	2,080	50	50	90			
33-2011	Fire Fighters	4	1,590	2,030	40	50	90	\$8.40	\$14.10	Long-term on-the-job training
33-3000	<i>Law Enforcement Workers</i>		4,270	5,430	120	100	220			
33-3012	Correctional Officers and Jailers	5	1,580	2,000	40	30	80	\$13.00	\$15.60	Moderate-term on-the-job training
33-3021	Detectives and Criminal Investigators	4	340	440	10	10	20	\$18.30	\$24.30	Related Work Experience
33-3041	Parking Enforcement Workers	1	60	70	0	0	0	\$7.60	\$10.60	Short-term on-the-job training
33-3051	Police and Sheriff's Patrol Officers	5	2,220	2,830	60	60	120	\$14.80	\$18.40	Long-term on-the-job training
33-9000	<i>Other Protective Service Workers</i>		9,200	12,410	320	340	660			
33-9011	Animal Control Workers	1	80	110	0	10	10	\$9.80	\$13.20	Moderate-term on-the-job training
33-9021	Private Detectives and Investigators	3	170	220	10	0	10	\$8.60	\$13.20	Related Work Experience
33-9032	Security Guards	3	5,300	7,600	230	120	350	\$8.00	\$11.30	Short-term on-the-job training
33-9091	Crossing Guards	2	960	1,250	30	30	60	\$6.00	\$7.70	Short-term on-the-job training
33-9099	Protective Service Workers, All Other	3	2,670	3,210	50	190	240	\$6.60	\$10.20	Short-term on-the-job training

* Annual Wages.

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Source: Utah Department of Workforce Services, Aug 2004.

Utah Metro Occupational Projections 2002 - 2012

SOC Code	Stars	Employment		Annual Openings			Hourly Wage		Training Level
		2002	2012	Growth	Replace-ments	Total	Entry	Average	
35-0000 Food Preparation and Serving Related Occupations		59,400	85,140	2,580	2,370	4,940			
35-1000 Supervisors, Food Preparation and Serving Workers		5,350	7,540	220	130	350			
35-1011 Chefs and Head Cooks	3	640	940	30	20	50	\$8.30	\$13.10	Related Work Experience
35-1012 First-Line Supervisors/Managers of Food Preparation and Serving Workers	4	4,700	6,610	190	110	300	\$9.20	\$12.20	Related Work Experience
35-2000 Cooks and Food Preparation Workers		17,440	23,800	640	560	1,200			
35-2011 Cooks, Fast Food	2	5,470	7,280	180	170	350	\$6.00	\$7.00	Short-term on-the-job training
35-2012 Cooks, Institution and Cafeteria	2	2,780	3,180	40	90	130	\$6.80	\$9.30	Moderate-term on-the-job training
35-2014 Cooks, Restaurant	2	4,220	6,190	200	130	330	\$7.40	\$9.30	Long-term on-the-job training
35-2015 Cooks, Short Order	2	590	810	20	20	40	\$7.00	\$8.00	Short-term on-the-job training
35-2021 Food Preparation Workers	2	4,380	6,340	200	160	350	\$6.20	\$8.00	Short-term on-the-job training
35-3000 Food and Beverage Serving Workers		29,590	43,820	1,420	1,450	2,870			
35-3011 Bartenders	2	1,170	1,580	40	50	90	\$6.00	\$8.20	Short-term on-the-job training
35-3021 Combined Food Preparation and Serving Workers, Including Fast Food	2	11,510	17,650	610	500	1,110	\$6.10	\$7.20	Short-term on-the-job training
35-3022 Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	2	3,310	4,620	130	220	350	\$6.00	\$7.30	Short-term on-the-job training
35-3031 Waiters and Waitresses	2	12,750	18,890	610	660	1,270	\$6.00	\$7.40	Short-term on-the-job training
35-3041 Food Servers, Nonrestaurant	2	850	1,080	20	30	50	\$5.90	\$7.50	Short-term on-the-job training
35-9000 Other Food Preparation and Serving Related Workers		7,030	9,970	300	230	530			
35-9011 Dining Room and Cafeteria Attendants and Bartender Helpers	2	1,900	2,720	80	60	150	\$6.00	\$7.10	Short-term on-the-job training
35-9021 Dishwashers	2	2,550	3,480	90	90	180	\$6.00	\$7.00	Short-term on-the-job training
35-9031 Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	2	1,910	2,830	90	60	150	\$6.30	\$7.50	Short-term on-the-job training
35-9099 Food Preparation and Serving Related Workers, All Other	2	680	950	30	20	50	\$5.90	\$7.40	Short-term on-the-job training

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Utah Metro Occupational Projections 2002 - 2012

SOC Code	Stars	Employment		Annual Openings			Hourly Wage		Training Level
		2002	2012	Growth	Replace-ments	Total	Entry	Average	
37-0000 Building and Grounds Cleaning and Maintenance Occupations		30,440	41,120	1,070	610	1,670			
37-1000 Supervisors, Building and Grounds Cleaning and Maintenance Workers		2,350	3,190	90	40	130			
37-1011 First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	4	1,290	1,730	40	30	70	\$9.40	\$14.20	Related Work Experience
37-1012 First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	5	1,050	1,470	40	10	50	\$11.60	\$16.90	Related Work Experience
37-2000 Building Cleaning and Pest Control Workers		20,590	27,730	710	400	1,120			
37-2011 Janitors and Cleaners, Except Maids and Housekeeping Cleaners	2	15,110	20,050	490	290	780	\$6.60	\$8.70	Short-term on-the-job training
37-2012 Maids and Housekeeping Cleaners	2	5,310	7,450	210	110	330	\$6.50	\$7.90	Short-term on-the-job training
37-2021 Pest Control Workers	1	180	230	10	0	10	\$9.40	\$12.40	Moderate-term on-the-job training
37-3000 Grounds Maintenance Workers		7,840	10,640	280	170	450			
37-3011 Landscaping and Groundskeeping Workers	2	6,070	8,280	220	130	350	\$7.10	\$9.90	Short-term on-the-job training
37-3012 Pesticide Handlers, Sprayers, and Applicators, Vegetation	1	180	230	10	0	10	\$11.70	\$13.20	Moderate-term on-the-job training
37-3013 Tree Trimmers and Pruners	4	940	1,250	30	20	50	\$10.20	\$11.90	Short-term on-the-job training
37-9000 Building and Grounds Cleaning and Maintenance Workers, All Other (OES Only)		330	440	10	10	20			
37-9099 Building and Grounds Cleaning and Maintenance Workers, All Other (OES Only)	1	330	440	10	10	20	\$6.60	\$10.40	Short-term on-the-job training

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Source: Utah Department of Workforce Services, Aug 2004.

Utah Metro Occupational Projections 2002 - 2012

SOC Code	Stars	Employment		Annual Openings			Hourly Wage		Training Level
		2002	2012	Growth	Replace-ments	Total	Entry	Average	
39-0000 Personal Care and Service Occupations		23,840	33,430	960	560	1,520			
39-1000 Supervisors, Personal Care and Service Workers		1,370	1,780	40	30	80			
39-1021 First-Line Supervisors/Managers of Personal Service Workers	4	1,370	1,780	40	30	80	\$9.10	\$14.30	Related Work Experience
39-2000 Animal Care and Service Workers		790	970	20	20	40			
39-2011 Animal Trainers	0	160	190	0	0	10	\$6.40	\$10.20	Moderate-term on-the-job training
39-2021 Nonfarm Animal Caretakers	1	630	780	20	20	30	\$6.50	\$8.60	Short-term on-the-job training
39-3000 Entertainment Attendants and Related Workers		3,530	5,100	160	120	280			
39-3021 Motion Picture Projectionists	0	50	50	0	0	0	\$6.80	\$8.10	Short-term on-the-job training
39-3031 Ushers, Lobby Attendants, and Ticket Takers	2	720	890	20	40	60	\$6.00	\$6.70	Short-term on-the-job training
39-3091 Amusement and Recreation Attendants	2	2,640	3,990	140	80	210	\$6.10	\$7.30	Short-term on-the-job training
39-3093 Locker Room, Coatroom, and Dressing Room Attendants	2	80	110	0	0	10	\$7.50	\$9.20	Short-term on-the-job training
39-4000 Funeral Service Workers		150	220	10	0	10			
39-4021 Funeral Attendants	4	130	190	10	0	10	\$8.30	\$16.40	Short-term on-the-job training
39-5000 Personal Appearance Workers		5,060	7,250	220	100	320			
39-5012 Hairdressers, Hairstylists, and Cosmetologists	2	4,650	6,650	200	90	290	\$7.20	\$10.10	Postsecondary vocational training
39-5092 Manicurists and Pedicurists	3	130	200	10	0	10	\$9.20	\$12.90	Postsecondary vocational training
39-5094 Skin Care Specialists	3	220	330	10	0	20	\$7.20	\$14.10	Postsecondary vocational training
39-6000 Transportation, Tourism, and Lodging Attendants		2,580	3,300	70	40	120			
39-6011 Baggage Porters and Bellhops	1	220	300	10	10	10	\$5.90	\$10.30	Short-term on-the-job training
39-6012 Concierges	1	90	130	0	0	10	\$7.20	\$9.20	Moderate-term on-the-job training
39-6021 Tour Guides and Escorts	0	380	470	10	10	20	\$6.40	\$9.70	Moderate-term on-the-job training
39-6031 Flight Attendants	4	1,680	2,160	50	20	70			Long-term on-the-job training
39-6032 Transportation Attendants, Except Flight Attendants and Baggage Porters	1	180	240	10	0	10	\$6.50	\$9.20	Short-term on-the-job training
39-9000 Other Personal Care and Service Workers		10,370	14,810	450	240	680			
39-9011 Child Care Workers	2	3,100	4,350	130	80	210	\$5.90	\$7.20	Short-term on-the-job training
39-9021 Personal and Home Care Aides	2	1,780	2,850	110	30	140	\$7.20	\$8.20	Short-term on-the-job training
39-9031 Fitness Trainers and Aerobics Instructors	4	1,730	2,560	80	40	120	\$9.10	\$16.00	Postsecondary vocational training
39-9032 Recreation Workers	0	3,030	3,930	90	70	160	\$6.00	\$8.50	Bachelor's degree
39-9041 Residential Advisors	2	190	290	10	0	10	\$7.60	\$9.60	Moderate-term on-the-job training
39-9099 Personal Care and Service Workers, All Other	2	540	840	30	10	40	\$6.20	\$8.10	Short-term on-the-job training

* Annual Wages.

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Source: Utah Department of Workforce Services, Aug 2004.

Utah Metro Occupational Projections 2002 - 2012

SOC Code	Stars	Employment		Annual Openings			Hourly Wage		Training Level
		2002	2012	Growth	Replace-ments	Total	Entry	Average	
41-0000 Sales and Related Occupations		111,730	142,780	3,110	3,480	6,580			
41-1000 Supervisors, Sales Workers		16,580	21,410	480	300	780			
41-1011 First-Line Supervisors/Managers of Retail Sales Workers	5	12,380	16,100	370	220	590	\$10.00	\$15.80	Related Work Experience
41-1012 First-Line Supervisors/Managers of Non-Retail Sales Workers	5	4,200	5,310	110	80	190	\$13.20	\$24.70	Related Work Experience
41-2000 Retail Sales Workers		57,450	74,310	1,690	2,350	4,040			
41-2011 Cashiers	2	21,990	28,820	680	1,070	1,750	\$6.20	\$8.10	Short-term on-the-job training
41-2021 Counter and Rental Clerks	2	2,770	3,860	110	110	220	\$6.50	\$9.30	Short-term on-the-job training
41-2022 Parts Salespersons	3	1,630	1,800	20	50	60	\$9.30	\$13.80	Moderate-term on-the-job training
41-2031 Retail Salespersons	2	31,050	39,830	880	1,130	2,010	\$6.90	\$10.30	Short-term on-the-job training
41-3000 Sales Representatives, Services		6,580	8,280	170	130	300			
41-3011 Advertising Sales Agents	5	1,370	1,650	30	30	50	\$9.90	\$17.40	Moderate-term on-the-job training
41-3021 Insurance Sales Agents	1	2,580	3,530	100	60	160	\$11.10	\$24.50	Bachelor's degree
41-3031 Securities, Commodities, and Financial Services Sales Agents	0	2,020	2,500	50	20	70	\$16.70	\$36.10	Bachelor's degree
41-3041 Travel Agents	0	610	600	0	10	10	\$8.40	\$12.80	Postsecondary vocational training
41-4000 Sales Representatives, Wholesale and Manufacturing		14,520	18,910	440	380	820			
41-4011 Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	5	3,820	4,950	110	100	210	\$18.40	\$29.80	Moderate-term on-the-job training
41-4012 Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	5	10,700	13,960	330	280	610	\$13.80	\$25.30	Moderate-term on-the-job training
41-9000 Other Sales and Related Workers		16,610	19,870	330	320	640			
41-9011 Demonstrators and Product Promoters	2	1,140	1,590	50	30	70	\$7.60	\$10.60	Moderate-term on-the-job training
41-9021 Real Estate Brokers	4	260	340	10	10	10	\$14.40	\$40.10	Related Work Experience
41-9022 Real Estate Sales Agents	5	790	1,070	30	20	40	\$10.00	\$23.50	Postsecondary vocational training
41-9031 Sales Engineers	5	1,280	1,550	30	40	70	\$20.20	\$34.20	Bachelor's degree
41-9041 Telemarketers	3	7,360	7,540	20	120	140	\$8.00	\$10.90	Short-term on-the-job training
41-9091 Door-To-Door Sales Workers, News and Street Vendors, and Related Workers	0	350	400	10	10	10	\$8.00	\$12.10	Short-term on-the-job training
41-9099 Sales and Related Workers, All Other	5	5,420	7,390	200	100	300	\$9.70	\$18.10	Moderate-term on-the-job training

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Utah Metro Occupational Projections 2002 - 2012

SOC Code	Stars	Employment		Annual Openings			Hourly Wage		Training Level
		2002	2012	Growth	Replace-ments	Total	Entry	Average	
43-0000 Office and Administrative Support Occupations		168,990	203,140	3,490	3,820	7,310			
43-1000 Supervisors, Office and Administrative Support Workers		8,410	9,850	150	180	330			
43-1011 First-Line Supervisors/Managers of Office and Administrative Support Workers	5	8,410	9,850	150	180	330	\$12.50	\$18.90	Related Work Experience
43-2000 Communications Equipment Operators		1,880	1,930	20	50	70			
43-2011 Switchboard Operators, Including Answering Service	1	1,570	1,760	20	40	60	\$8.40	\$10.20	Short-term on-the-job training
43-2021 Telephone Operators	0	280	140	0	10	10	\$9.50	\$11.70	Short-term on-the-job training
43-3000 Financial Clerks		27,740	34,120	640	650	1,290			
43-3011 Bill and Account Collectors	4	6,420	9,050	260	120	380	\$9.80	\$13.10	Short-term on-the-job training
43-3021 Billing and Posting Clerks and Machine Operators	4	3,750	4,410	70	60	130	\$9.60	\$12.30	Moderate-term on-the-job training
43-3031 Bookkeeping, Accounting, and Auditing Clerks	4	11,900	13,760	190	220	410	\$8.90	\$12.60	Moderate-term on-the-job training
43-3051 Payroll and Timekeeping Clerks	4	910	1,070	20	20	40	\$10.60	\$14.40	Moderate-term on-the-job training
43-3061 Procurement Clerks	2	650	630	0	20	20	\$10.80	\$15.40	Short-term on-the-job training
43-3071 Tellers	3	4,110	5,210	110	200	310	\$8.00	\$9.60	Short-term on-the-job training
43-4000 Information and Record Clerks		50,760	65,550	1,480	1,040	2,520			
43-4011 Brokerage Clerks	2	300	250	0	0	0	\$12.40	\$15.30	Moderate-term on-the-job training
43-4021 Correspondence Clerks	1	90	90	0	0	0	\$10.00	\$12.90	Short-term on-the-job training
43-4031 Court, Municipal, and License Clerks	3	650	820	20	10	30	\$9.30	\$12.30	Short-term on-the-job training
43-4041 Credit Authorizers, Checkers, and Clerks	1	1,560	1,610	10	30	40	\$9.80	\$15.20	Short-term on-the-job training
43-4051 Customer Service Representatives	3	20,460	28,670	820	300	1,130	\$9.10	\$12.00	Moderate-term on-the-job training
43-4061 Eligibility Interviewers, Government Programs	1	260	310	10	10	10	\$12.10	\$12.80	Moderate-term on-the-job training
43-4071 File Clerks	1	1,680	1,830	20	50	70	\$7.50	\$9.80	Short-term on-the-job training
43-4081 Hotel, Motel, and Resort Desk Clerks	2	1,070	1,630	60	50	100	\$7.70	\$9.10	Short-term on-the-job training
43-4111 Interviewers, Except Eligibility and Loan	2	2,320	3,140	80	60	140	\$6.30	\$8.70	Short-term on-the-job training
43-4121 Library Assistants, Clerical	2	780	980	20	30	50	\$6.50	\$8.50	Short-term on-the-job training
43-4131 Loan Interviewers and Clerks	1	1,370	1,390	0	20	20	\$10.70	\$13.80	Short-term on-the-job training
43-4141 New Accounts Clerks	1	460	590	10	10	30	\$10.00	\$11.40	Related Work Experience
43-4151 Order Clerks	4	3,980	4,050	10	90	100	\$9.20	\$14.00	Short-term on-the-job training
43-4161 Human Resources Assistants, Except Payroll and Timekeeping	5	1,070	1,360	30	20	50	\$10.30	\$14.60	Short-term on-the-job training
43-4171 Receptionists and Information Clerks	3	8,650	11,970	330	210	540	\$7.70	\$9.80	Short-term on-the-job training
43-4181 Reservation and Transportation Ticket Agents and Travel Clerks	4	3,650	4,420	80	100	170	\$9.20	\$15.10	Short-term on-the-job training
43-4999 Financial, Information, and Record Clerks, All Other (OES Only)	1	2,420	2,450	0	40	40	\$10.30	\$15.70	Short-term on-the-job training
43-5000 Material Recording, Scheduling, Dispatching, and Distributing Workers		25,320	29,060	370	730	1,110			
43-5011 Cargo and Freight Agents	1	610	720	10	10	20	\$8.90	\$12.90	Moderate-term on-the-job training
43-5021 Couriers and Messengers	0	1,170	1,260	10	30	40	\$6.70	\$9.00	Short-term on-the-job training
43-5031 Police, Fire, and Ambulance Dispatchers	3	380	490	10	10	20	\$11.80	\$14.00	Moderate-term on-the-job training
43-5032 Dispatchers, Except Police, Fire, and Ambulance	4	1,470	1,720	20	30	60	\$10.90	\$16.60	Moderate-term on-the-job training
43-5041 Meter Readers, Utilities	1	210	240	0	10	10	\$9.80	\$13.20	Short-term on-the-job training
43-5051 Postal Service Clerks	5	430	600	20	10	30	\$18.30	\$18.80	Short-term on-the-job training
43-5052 Postal Service Mail Carriers	5	1,570	2,190	60	50	110	\$16.90	\$18.80	Short-term on-the-job training
43-5053 Postal Service Mail Sorters, Processors, and Processing Machine Operators	5	930	1,180	20	30	50	\$14.60	\$17.50	Short-term on-the-job training
43-5061 Production, Planning, and Expediting Clerks	5	2,080	2,650	60	50	110	\$11.90	\$17.40	Short-term on-the-job training
43-5071 Shipping, Receiving, and Traffic Clerks	3	5,560	6,320	80	110	190	\$8.60	\$11.70	Short-term on-the-job training
43-5081 Stock Clerks and Order Fillers	3	10,250	10,900	70	380	440	\$7.60	\$10.50	Short-term on-the-job training
43-5111 Weighers, Measurers, Checkers, and Samplers, Recordkeeping	3	550	710	20	10	30	\$9.60	\$12.70	Short-term on-the-job training
43-5199 Material Recording, Scheduling, Dispatching, and Distributing Workers, All Other (OES Only)	2	90	100	0	0	0	\$11.00	\$14.60	Short-term on-the-job training

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SOC Code	Stars	Employment		Annual Openings			Hourly Wage		Training Level
		2002	2012	Growth	Replace-ments	Total	Entry	Average	
43-6000 Secretaries and Administrative Assistants		21,850	25,240	340	420	760			
43-6011 Executive Secretaries and Administrative Assistants	5	9,350	11,040	170	180	350	\$11.70	\$15.40	Moderate-term on-the-job training
43-6012 Legal Secretaries	3	2,380	3,080	70	50	120	\$12.00	\$14.90	Postsecondary vocational training
43-6013 Medical Secretaries	2	1,690	2,050	40	30	70	\$9.40	\$12.00	Postsecondary vocational training
43-6014 Secretaries, Except Legal, Medical, and Executive	4	8,430	9,070	60	160	230	\$9.00	\$12.00	Moderate-term on-the-job training
43-9000 Other Office and Administrative Support Workers		33,040	37,390	490	750	1,230			
43-9011 Computer Operators	2	1,620	1,460	0	30	30	\$8.90	\$15.20	Moderate-term on-the-job training
43-9021 Data Entry Keyers	3	4,180	4,520	30	100	130	\$8.50	\$10.80	Moderate-term on-the-job training
43-9022 Word Processors and Typists	1	680	450	0	20	20	\$8.70	\$12.70	Moderate-term on-the-job training
43-9031 Desktop Publishers	1	200	280	10	10	10	\$9.70	\$12.50	Postsecondary vocational training
43-9041 Insurance Claims and Policy Processing Clerks	4	1,560	1,940	40	30	60	\$10.70	\$13.70	Moderate-term on-the-job training
43-9051 Mail Clerks and Mail Machine Operators, Except Postal Service	0	2,260	2,130	0	70	70	\$8.30	\$10.00	Short-term on-the-job training
43-9061 Office Clerks, General	3	19,800	23,650	380	440	820	\$7.50	\$10.70	Short-term on-the-job training
43-9071 Office Machine Operators, Except Computer	0	730	770	0	20	20	\$7.90	\$12.50	Short-term on-the-job training
43-9081 Proofreaders and Copy Markers	0	190	200	0	0	10	\$7.10	\$10.50	Short-term on-the-job training
43-9111 Statistical Assistants	1	140	150	0	0	0	\$8.60	\$12.70	Moderate-term on-the-job training
43-9999 Secretaries, Administrative Assistants, and Other Office Support Workers, All Other (OES Only)	3	1,670	1,860	20	40	50	\$8.10	\$12.60	Short-term on-the-job training

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		2002	2012	Growth	Replace-ments	Total	Entry	Average	
45-0000 Farming, Fishing, and Forestry Occupations		6,340	6,760	40	180	220			
45-1000 Supervisors, Farming, Fishing and Forestry Workers		290	340	10	10	10			
45-1011 First-Line Supervisors/Managers of Farming, Fishing, and Forestry Workers	3	290	340	10	10	10	\$13.80	\$18.10	Related Work Experience
45-2000 Agricultural Workers		5,340	5,640	30	150	180			
45-2011 Agricultural Inspectors	3	70	80	0	0	0	\$11.70	\$15.20	Related Work Experience
45-2041 Graders and Sorters, Agricultural Products	0	310	360	10	10	10	\$8.20	\$9.70	Related Work Experience
45-2091 Agricultural Equipment Operators	1	370	390	0	10	10	\$9.20	\$13.30	Moderate-term on-the-job training
45-2092 Farmworkers and Laborers, Crop, Nursery, and Greenhouse	2	4,300	4,490	20	120	140	\$6.80	\$8.00	Short-term on-the-job training
45-2093 Farmworkers, Farm and Ranch Animals	0	270	290	0	10	10	\$7.50	\$10.50	Short-term on-the-job training
45-4000 Forest, Conservation, and Logging Workers		50	60	0	0	0			
45-9000 Farming, Fishing, and Forestry Workers, All Other (OES Only)		660	730	10	20	20			
45-9099 Farming, Fishing, and Forestry Workers, All Other (OES Only)	0	660	730	10	20	20	\$6.30	\$8.40	Moderate-term on-the-job training

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SOC Code	Stars	Employment		Annual Openings			Hourly Wage		Training Level
		2002	2012	Growth	Replacements	Total	Entry	Average	
47-0000 Construction and Extraction Occupations		60,150	79,050	1,900	1,200	3,090			
47-1000 Supervisors, Construction and Extraction Workers		4,740	6,330	160	80	240			
47-1011 First-Line Supervisors/Managers of Construction Trades and Extraction Workers	5	4,740	6,330	160	80	240	\$15.80	\$21.90	Related Work Experience
47-2000 Construction Trades Workers		48,860	64,390	1,550	900	2,460			
47-2011 Boilermakers	2	130	150	0	10	10	\$20.00	\$23.40	Long-term on-the-job training
47-2021 Brickmasons and Blockmasons	5	1,330	1,700	40	20	60	\$17.30	\$22.70	Long-term on-the-job training
47-2022 Stonemasons	3	80	100	0	0	0	\$10.30	\$21.80	Long-term on-the-job training
47-2031 Carpenters	5	11,560	15,250	370	190	560	\$11.70	\$16.10	Long-term on-the-job training
47-2041 Carpet Installers	4	330	460	10	10	20	\$9.10	\$14.10	Moderate-term on-the-job training
47-2043 Floor Sanders and Finishers	1	450	550	10	10	20	\$9.50	\$12.80	Moderate-term on-the-job training
47-2044 Tile and Marble Setters	5	520	700	20	10	30	\$11.20	\$15.60	Long-term on-the-job training
47-2051 Cement Masons and Concrete Finishers	4	2,340	3,270	90	50	140	\$8.50	\$20.70	Moderate-term on-the-job training
47-2061 Construction Laborers	3	6,330	8,640	230	80	320	\$8.70	\$11.50	Moderate-term on-the-job training
47-2071 Paving, Surfacing, and Tamping Equipment Operators	4	290	370	10	0	10	\$13.90	\$15.90	Moderate-term on-the-job training
47-2073 Operating Engineers and Other Construction Equipment Operators	5	2,310	2,910	60	60	120	\$13.10	\$17.00	Moderate-term on-the-job training
47-2081 Drywall and Ceiling Tile Installers	5	1,370	1,840	50	30	80	\$10.90	\$15.70	Moderate-term on-the-job training
47-2082 Tapers	5	840	1,120	30	20	50	\$9.60	\$16.00	Moderate-term on-the-job training
47-2111 Electricians	5	5,670	7,690	200	110	310	\$8.80	\$16.40	Long-term on-the-job training
47-2121 Glaziers	4	490	610	10	10	20	\$12.80	\$17.00	Long-term on-the-job training
47-2130 Insulation Workers	3	340	420	10	10	20	\$9.10	\$16.50	Moderate-term on-the-job training
47-2141 Painters, Construction and Maintenance	4	4,120	5,240	110	60	180	\$9.80	\$13.80	Moderate-term on-the-job training
47-2151 Pipelayers	4	1,010	1,330	30	20	60	\$9.50	\$13.50	Moderate-term on-the-job training
47-2152 Plumbers, Pipefitters, and Steamfitters	5	3,530	4,660	110	80	200	\$13.90	\$19.80	Long-term on-the-job training
47-2161 Plasterers and Stucco Masons	5	1,210	1,490	30	20	50	\$11.50	\$16.40	Long-term on-the-job training
47-2171 Reinforcing Iron and Rebar Workers	4	180	230	10	0	10	\$12.50	\$14.50	Long-term on-the-job training
47-2181 Roofers	4	1,940	2,550	60	50	110	\$8.30	\$13.70	Moderate-term on-the-job training
47-2211 Sheet Metal Workers	5	1,920	2,380	50	50	90	\$10.20	\$16.60	Moderate-term on-the-job training
47-2221 Structural Iron and Steel Workers	4	530	680	20	10	30	\$10.50	\$17.20	Long-term on-the-job training
47-3000 Helpers, Construction Trades		3,780	4,960	120	160	280			
47-3011 Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	0	480	530	10	20	30	\$8.60	\$11.50	Short-term on-the-job training
47-3012 Helpers--Carpenters	2	1,640	2,240	60	70	130	\$7.20	\$9.20	Short-term on-the-job training
47-3013 Helpers--Electricians	1	270	340	10	10	20	\$8.60	\$11.90	Short-term on-the-job training
47-3014 Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	1	400	500	10	20	30	\$7.80	\$9.80	Short-term on-the-job training
47-3015 Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	0	150	190	0	10	10	\$7.70	\$10.60	Short-term on-the-job training
47-3016 Helpers--Roofers	1	140	180	0	10	10	\$8.20	\$10.00	Short-term on-the-job training
47-3019 Helpers, Construction Trades, All Other	3	700	970	30	30	60	\$7.80	\$10.50	Short-term on-the-job training
47-4000 Other Construction and Related Workers		2,000	2,480	50	40	90			
47-4011 Construction and Building Inspectors	4	310	410	10	10	20	\$17.20	\$21.50	Related Work Experience
47-4031 Fence Erectors	1	490	610	10	10	20	\$9.70	\$11.60	Moderate-term on-the-job training
47-4041 Hazardous Materials Removal Workers	3	180	250	10	10	10	\$11.80	\$14.00	Moderate-term on-the-job training
47-4051 Highway Maintenance Workers	4	400	500	10	10	20	\$12.40	\$17.30	Moderate-term on-the-job training
47-4061 Rail-Track Laying and Maintenance Equipment Operators	2	220	190	0	10	10	\$15.90	\$18.90	Moderate-term on-the-job training
47-4071 Septic Tank Servicers and Sewer Pipe Cleaners	3	50	60	0	0	0	\$10.00	\$15.90	Moderate-term on-the-job training
47-4999 Construction Trades and Related Workers, All Other (OES Only)	3	350	460	10	10	20	\$9.30	\$14.10	Moderate-term on-the-job training
47-5000 Extraction Workers		760	890	10	20	30			
47-5021 Earth Drillers, Except Oil and Gas	3	240	300	10	10	10	\$13.00	\$18.40	Moderate-term on-the-job training
47-5041 Continuous Mining Machine Operators	2	50	50	0	0	0	\$14.70	\$16.50	Moderate-term on-the-job training
47-5042 Mine Cutting and Channeling Machine Operators	5	100	160	10	0	10	\$15.80	\$17.50	Moderate-term on-the-job training
47-5081 Helpers--Extraction Workers	1	230	250	0	10	10	\$9.50	\$13.10	Short-term on-the-job training

* Annual Wages.

NOTE: Detail may not add to totals due to rounding and the exclusion of small occupations.

Source: Utah Department of Workforce Services, Aug 2004.

Utah Metro Occupational Projections 2002 - 2012

SOC Code	Stars	Employment		Annual Openings			Hourly Wage		Training Level
		2002	2012	Growth	Replacements	Total	Entry	Average	
49-0000 Installation, Maintenance, and Repair		37,820	48,100	1,030	860	1,890			
49-1000 Supervisors of Installation, Maintenance, and Repair Workers		2,740	3,490	80	70	140			
49-1011 First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	5	2,740	3,490	80	70	140	\$13.20	\$22.20	Related Work Experience
49-2000 Electrical and Electronic Equipment Mechanics, Installers, and Repairers		7,180	8,270	110	140	250			
49-2011 Computer, Automated Teller, and Office Machine Repairers	3	1,470	1,740	30	20	50	\$10.70	\$16.60	Postsecondary vocational training
49-2022 Telecommunications Equipment Installers and Repairers, Except Line Installers	5	2,120	2,370	30	40	70	\$19.70	\$23.30	Long-term on-the-job training
49-2091 Avionics Technicians	2	660	680	0	20	20	\$17.50	\$20.10	Postsecondary vocational training
49-2092 Electric Motor, Power Tool, and Related Repairers	0	160	190	0	0	10	\$6.20	\$13.00	Postsecondary vocational training
49-2093 Electrical and Electronics Installers and Repairers, Transportation Equipment	0	80	110	0	0	10	\$9.90	\$14.40	Postsecondary vocational training
49-2094 Electrical and Electronics Repairers, Commercial and Industrial Equipment	3	870	1,000	10	20	30	\$13.80	\$19.60	Postsecondary vocational training
49-2095 Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	2	50	60	0	0	0	\$23.20	\$26.40	Postsecondary vocational training
49-2096 Electronic Equipment Installers and Repairers, Motor Vehicles	0	100	130	0	0	10	\$9.40	\$12.50	Postsecondary vocational training
49-2097 Electronic Home Entertainment Equipment Installers and Repairers	1	1,320	1,520	20	30	50	\$12.50	\$15.10	Postsecondary vocational training
49-2098 Security and Fire Alarm Systems Installers	4	280	390	10	10	20	\$12.30	\$18.40	Postsecondary vocational training
49-3000 Vehicle and Mobile Equipment Mechanics, Installers, and Repairers		13,910	17,710	380	350	740			
49-3011 Aircraft Mechanics and Service Technicians	5	1,940	2,110	20	50	60	\$15.10	\$20.60	Postsecondary vocational training
49-3021 Automotive Body and Related Repairers	5	1,650	2,180	50	30	90	\$11.10	\$18.70	Long-term on-the-job training
49-3022 Automotive Glass Installers and Repairers	4	70	90	0	0	0	\$12.90	\$17.10	Long-term on-the-job training
49-3023 Automotive Service Technicians and Mechanics	4	5,230	6,930	170	140	310	\$9.60	\$16.30	Postsecondary vocational training
49-3031 Bus and Truck Mechanics and Diesel Engine Specialists	4	2,380	3,180	80	60	140	\$11.90	\$16.80	Postsecondary vocational training
49-3041 Farm Equipment Mechanics	0	340	410	10	10	10	\$12.70	\$14.20	Postsecondary vocational training
49-3042 Mobile Heavy Equipment Mechanics, Except Engines	3	1,080	1,250	20	20	40	\$13.20	\$17.00	Postsecondary vocational training
49-3043 Rail Car Repairers	2	110	100	0	0	0	\$20.00	\$20.90	Long-term on-the-job training
49-3051 Motorboat Mechanics	3	50	70	0	0	0	\$9.70	\$14.50	Long-term on-the-job training
49-3052 Motorcycle Mechanics	4	100	150	0	0	10	\$10.30	\$14.90	Long-term on-the-job training
49-3053 Outdoor Power Equipment and Other Small Engine Mechanics	1	140	180	10	0	10	\$8.20	\$11.50	Moderate-term on-the-job training
49-3091 Bicycle Repairers	0	50	60	0	0	0	\$8.70	\$10.50	Moderate-term on-the-job training
49-3092 Recreational Vehicle Service Technicians	4	120	170	10	10	10	\$11.50	\$15.30	Long-term on-the-job training
49-3093 Tire Repairers and Changers	1	520	630	10	20	30	\$7.70	\$9.70	Short-term on-the-job training
49-3099 Vehicle and Mobile Equipment Mechanics, Installers, and Repairers, All Other (OES Only)	3	150	190	0	0	10	\$12.00	\$18.50	Moderate-term on-the-job training
49-9000 Other Installation, Maintenance, and Repair Occupations		14,000	18,630	460	300	760			
49-9011 Mechanical Door Repairers	3	60	70	0	0	0	\$13.60	\$14.70	Moderate-term on-the-job training
49-9012 Control and Valve Installers and Repairers, Except Mechanical Door	4	550	680	10	10	30	\$14.00	\$18.70	Moderate-term on-the-job training
49-9021 Heating, Air Conditioning, and Refrigeration Mechanics and Installers	5	1,860	2,730	90	30	110	\$12.60	\$17.40	Long-term on-the-job training
49-9031 Home Appliance Repairers	0	280	320	0	10	10	\$7.50	\$12.10	Long-term on-the-job training
49-9041 Industrial Machinery Mechanics	5	1,050	1,340	30	20	50	\$13.90	\$19.40	Long-term on-the-job training
49-9042 Maintenance and Repair Workers, General	5	5,780	7,820	200	110	320	\$9.20	\$14.50	Moderate-term on-the-job training
49-9043 Maintenance Workers, Machinery	4	600	750	20	10	30	\$11.00	\$16.10	Short-term on-the-job training
49-9044 Millwrights	3	200	230	0	10	10	\$12.60	\$17.70	Long-term on-the-job training
49-9051 Electrical Power-Line Installers and Repairers	5	670	870	20	20	40	\$11.50	\$21.20	Long-term on-the-job training
49-9052 Telecommunications Line Installers and Repairers	5	400	550	10	10	30	\$11.50	\$16.10	Long-term on-the-job training
49-9062 Medical Equipment Repairers	3	160	200	10	0	10	\$16.50	\$21.20	Associate degree
49-9069 Precision Instrument and Equipment Repairers, All Other	3	160	190	0	10	10	\$12.30	\$18.10	Long-term on-the-job training
49-9091 Coin, Vending, and Amusement Machine Servicers and Repairers	0	80	100	0	0	0	\$7.30	\$12.20	Moderate-term on-the-job training
49-9094 Locksmiths and Safe Repairers	1	220	300	10	10	20	\$8.80	\$13.40	Moderate-term on-the-job training
49-9096 Riggers	4	330	430	10	10	20	\$15.30	\$18.00	Short-term on-the-job training
49-9098 Helpers--Installation, Maintenance, and Repair Workers	3	690	930	20	20	50	\$8.00	\$12.00	Short-term on-the-job training
49-9099 Installation, Maintenance, and Repair Workers, All Other	3	860	1,060	20	20	40	\$9.50	\$13.80	Moderate-term on-the-job training

* Annual Wages.

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Source: Utah Department of Workforce Services, Aug 2004.

Utah Metro Occupational Projections 2002 - 2012

SOC Code	Stars	Employment		Annual Openings			Hourly Wage		Training Level
		2002	2012	Growth	Replace-ments	Total	Entry	Average	
51-0000 Production Occupations		68,640	81,540	1,310	1,670	2,970			
51-1000 Supervisors, Production Workers		4,310	5,410	110	90	200			
51-1011 First-Line Supervisors/Managers of Production and Operating Workers	5	4,310	5,410	110	90	200	\$13.50	\$20.20	Related Work Experience
51-2000 Assemblers and Fabricators		15,290	16,610	140	390	530			
51-2011 Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	2	70	70	0	0	0	\$17.30	\$20.50	Long-term on-the-job training
51-2021 Coil Winders, Tapers, and Finishers	0	100	90	0	0	0	\$10.10	\$13.30	Short-term on-the-job training
51-2022 Electrical and Electronic Equipment Assemblers	0	1,050	1,000	0	30	30	\$8.60	\$10.90	Short-term on-the-job training
51-2023 Electromechanical Equipment Assemblers	1	340	350	0	10	10	\$10.60	\$14.40	Short-term on-the-job training
51-2041 Structural Metal Fabricators and Fitters	1	880	990	10	20	30	\$10.20	\$13.80	Moderate-term on-the-job training
51-2091 Fiberglass Laminators and Fabricators	0	160	190	0	0	10	\$10.20	\$11.80	Moderate-term on-the-job training
51-2092 Team Assemblers	3	11,330	12,290	100	290	390	\$8.50	\$11.00	Moderate-term on-the-job training
51-2099 Assemblers and Fabricators, All Other	2	1,330	1,580	30	30	60	\$7.30	\$10.00	Moderate-term on-the-job training
51-3000 Food Processing Workers		4,200	5,430	120	100	220			
51-3011 Bakers	3	1,620	2,130	50	40	90	\$7.50	\$10.90	Long-term on-the-job training
51-3021 Butchers and Meat Cutters	1	810	920	10	20	30	\$9.50	\$13.30	Long-term on-the-job training
51-3022 Meat, Poultry, and Fish Cutters and Trimmers	1	200	260	10	0	10	\$8.70	\$11.10	Short-term on-the-job training
51-3023 Slaughterers and Meat Packers	3	60	90	0	0	0	\$9.70	\$13.00	Moderate-term on-the-job training
51-3091 Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	1	50	40	0	0	0	\$9.00	\$11.90	Short-term on-the-job training
51-3092 Food Batchmakers	2	800	1,150	40	20	60	\$7.20	\$10.30	Short-term on-the-job training
51-3093 Food Cooking Machine Operators and Tenders	3	560	700	10	10	30	\$10.10	\$12.20	Short-term on-the-job training
51-3099 Food Processing Workers, All Other (OES Only)	1	110	140	0	0	10	\$6.60	\$9.10	Short-term on-the-job training
51-4000 Metal Workers and Plastic Workers		12,230	14,550	230	310	540			
51-4011 Computer-Controlled Machine Tool Operators, Metal and Plastic	3	410	490	10	10	20	\$10.80	\$14.80	Moderate-term on-the-job training
51-4012 Numerical Tool and Process Control Programmers	3	60	70	0	0	0	\$13.10	\$18.10	Long-term on-the-job training
51-4021 Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	1	630	710	10	20	30	\$9.50	\$12.60	Moderate-term on-the-job training
51-4022 Forging Machine Setters, Operators, and Tenders, Metal and Plastic	3	90	110	0	0	0	\$11.00	\$14.70	Moderate-term on-the-job training
51-4023 Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	2	340	380	0	10	10	\$10.90	\$15.90	Moderate-term on-the-job training
51-4031 Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	3	700	860	20	20	30	\$9.30	\$11.60	Moderate-term on-the-job training
51-4032 Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1	230	260	0	10	10	\$9.20	\$14.30	Moderate-term on-the-job training
51-4033 Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and	1	480	540	10	10	20	\$8.30	\$11.40	Moderate-term on-the-job training
51-4034 Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	2	250	290	0	10	10	\$10.20	\$14.80	Moderate-term on-the-job training
51-4035 Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	0	250	280	0	0	10	\$9.90	\$12.60	Moderate-term on-the-job training
51-4041 Machinists	5	2,860	3,350	50	70	120	\$10.20	\$15.60	Long-term on-the-job training
51-4051 Metal-Refining Furnace Operators and Tenders	2	80	90	0	0	0	\$11.50	\$15.40	Moderate-term on-the-job training
51-4052 Pourers and Casters, Metal	1	50	50	0	0	0	\$10.70	\$13.30	Moderate-term on-the-job training
51-4061 Model Makers, Metal and Plastic	4	160	210	10	10	10	\$17.50	\$19.90	Moderate-term on-the-job training
51-4071 Foundry Mold and Coremakers	1	130	150	0	0	10	\$9.30	\$12.60	Moderate-term on-the-job training
51-4072 Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1	770	920	20	20	30	\$9.30	\$12.50	Moderate-term on-the-job training
51-4081 Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	3	330	410	10	10	20	\$9.80	\$13.70	Moderate-term on-the-job training
51-4111 Tool and Die Makers	2	270	300	0	10	10	\$14.10	\$19.60	Long-term on-the-job training
51-4121 Welders, Cutters, Solderers, and Brazers	4	3,120	3,970	90	90	170	\$10.30	\$13.90	Long-term on-the-job training
51-4122 Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	1	210	220	0	10	10	\$10.40	\$13.60	Moderate-term on-the-job training
51-4191 Heat Treating Equipment Setters, Operators, and Tenders, Metal and Plastic	1	80	90	0	0	0	\$10.80	\$13.50	Moderate-term on-the-job training
51-4192 Lay-Out Workers, Metal and Plastic	1	120	150	0	0	0	\$10.20	\$13.40	Moderate-term on-the-job training
51-4193 Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	1	260	270	0	10	10	\$9.20	\$13.10	Moderate-term on-the-job training
51-4194 Tool Grinders, Filers, and Sharpeners	1	120	130	0	0	10	\$10.10	\$13.90	Moderate-term on-the-job training
51-4199 Metal Workers and Plastic Workers, All Other	2	210	220	0	10	10	\$9.50	\$16.20	Moderate-term on-the-job training
51-5000 Printing Workers		2,690	3,150	50	60	110			
51-5011 Bindery Workers	0	680	730	10	20	20	\$6.40	\$10.30	Short-term on-the-job training
51-5012 Bookbinders	3	50	60	0	0	0	\$12.10	\$15.10	Moderate-term on-the-job training
51-5021 Job Printers	3	380	510	10	10	20	\$9.60	\$14.50	Long-term on-the-job training
51-5022 Prepress Technicians and Workers	1	520	530	0	10	10	\$8.50	\$13.80	Long-term on-the-job training
51-5023 Printing Machine Operators	5	1,050	1,290	30	20	50	\$9.80	\$15.90	Moderate-term on-the-job training

* Annual Wages.

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Source: Utah Department of Workforce Services, Aug 2004.

Utah Metro Occupational Projections 2002 - 2012

SOC Code	Stars	Employment		Annual Openings			Hourly Wage		Training Level
		2002	2012	Growth	Replace-ments	Total	Entry	Average	
51-6000 Textile, Apparel, and Furnishings Workers		4,650	5,210	60	100	160			
51-6011 Laundry and Dry-Cleaning Workers	2	1,760	2,090	30	50	80	\$6.60	\$8.00	Moderate-term on-the-job training
51-6021 Pressers, Textile, Garment, and Related Materials	1	310	400	10	10	10	\$6.20	\$7.30	Short-term on-the-job training
51-6031 Sewing Machine Operators	0	1,420	1,370	0	20	20	\$7.10	\$9.50	Moderate-term on-the-job training
51-6051 Sewers, Hand	0	70	60	0	0	0	\$6.30	\$6.60	Short-term on-the-job training
51-6052 Tailors, Dressmakers, and Custom Sewers	1	310	380	10	10	10	\$9.40	\$13.00	Long-term on-the-job training
51-6062 Textile Cutting Machine Setters, Operators, and Tenders	0	80	60	0	0	0	\$6.90	\$11.20	Moderate-term on-the-job training
51-6091 Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers	1	220	260	0	0	10	\$10.30	\$12.00	Moderate-term on-the-job training
51-6093 Upholsterers	0	240	290	0	10	10	\$8.10	\$13.00	Long-term on-the-job training
51-6099 Textile, Apparel, and Furnishings Workers, All Other	2	120	170	10	0	10	\$7.60	\$8.50	Short-term on-the-job training
51-7000 Woodworkers		3,710	4,460	80	90	170			
51-7011 Cabinetmakers and Bench Carpenters	3	2,530	3,110	60	60	120	\$8.80	\$11.60	Long-term on-the-job training
51-7021 Furniture Finishers	0	480	560	10	10	20	\$9.00	\$11.70	Long-term on-the-job training
51-7031 Model Makers, Wood	0	100	120	0	0	10	\$8.20	\$9.30	Long-term on-the-job training
51-7032 Patternmakers, Wood	3	70	90	0	0	0	\$10.00	\$17.40	Long-term on-the-job training
51-7041 Sawing Machine Setters, Operators, and Tenders, Wood	0	190	200	0	10	10	\$7.60	\$10.10	Moderate-term on-the-job training
51-7042 Woodworking Machine Setters, Operators, and Tenders, Except Sawing	0	290	310	0	10	10	\$7.60	\$10.60	Moderate-term on-the-job training
51-7099 Woodworkers, All Other	0	70	80	0	0	0	\$8.60	\$12.00	Moderate-term on-the-job training
51-8000 Plant and System Operators		1,350	1,620	30	40	70			
51-8012 Power Distributors and Dispatchers	3	100	130	0	0	10	\$15.20	\$23.70	Long-term on-the-job training
51-8013 Power Plant Operators	3	90	110	0	0	10	\$13.80	\$18.10	Long-term on-the-job training
51-8021 Stationary Engineers and Boiler Operators	2	120	130	0	0	0	\$16.80	\$20.50	Long-term on-the-job training
51-8031 Water and Liquid Waste Treatment Plant and System Operators	5	500	670	20	20	30	\$14.20	\$21.40	Long-term on-the-job training
51-8091 Chemical Plant and System Operators	2	130	140	0	0	10	\$15.90	\$17.10	Long-term on-the-job training
51-8092 Gas Plant Operators	3	60	70	0	0	0	\$18.80	\$24.70	Long-term on-the-job training
51-8093 Petroleum Pump System Operators, Refinery Operators, and Gaugers	2	320	340	0	10	10	\$19.70	\$23.60	Long-term on-the-job training
51-9000 Other Production Occupations		20,200	25,100	490	490	980			
51-9011 Chemical Equipment Operators and Tenders	1	130	150	0	0	10	\$11.70	\$13.90	Moderate-term on-the-job training
51-9012 Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	3	180	210	0	10	10	\$12.30	\$19.30	Moderate-term on-the-job training
51-9021 Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	2	450	470	0	10	10	\$10.20	\$15.70	Moderate-term on-the-job training
51-9022 Grinding and Polishing Workers, Hand	0	400	470	10	10	20	\$7.80	\$10.50	Moderate-term on-the-job training
51-9023 Mixing and Blending Machine Setters, Operators, and Tenders	1	480	530	10	10	20	\$9.00	\$12.50	Moderate-term on-the-job training
51-9031 Cutters and Trimmers, Hand	1	150	190	0	0	10	\$6.00	\$7.90	Short-term on-the-job training
51-9032 Cutting and Slicing Machine Setters, Operators, and Tenders	1	730	900	20	20	30	\$8.10	\$11.60	Moderate-term on-the-job training
51-9041 Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	0	270	300	0	10	10	\$8.70	\$11.20	Moderate-term on-the-job training
51-9051 Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	2	70	70	0	0	0	\$12.20	\$14.30	Moderate-term on-the-job training
51-9061 Inspectors, Testers, Sorters, Samplers, and Weighers	4	2,630	3,070	40	60	100	\$9.50	\$14.90	Moderate-term on-the-job training
51-9071 Jewelers and Precious Stone and Metal Workers	1	550	700	20	10	30	\$9.60	\$11.90	Postsecondary vocational training
51-9081 Dental Laboratory Technicians	1	620	760	10	10	30	\$7.90	\$14.90	Long-term on-the-job training
51-9082 Medical Appliance Technicians	2	640	860	20	10	40	\$8.70	\$9.50	Long-term on-the-job training
51-9083 Ophthalmic Laboratory Technicians	0	200	230	0	0	10	\$7.80	\$10.40	Moderate-term on-the-job training
51-9111 Packaging and Filling Machine Operators and Tenders	3	2,800	3,800	100	60	160	\$8.20	\$11.00	Short-term on-the-job training
51-9121 Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	3	730	910	20	20	40	\$9.30	\$12.00	Moderate-term on-the-job training
51-9122 Painters, Transportation Equipment	5	390	550	20	10	30	\$11.10	\$17.20	Moderate-term on-the-job training
51-9123 Painting, Coating, and Decorating Workers	1	170	230	10	0	10	\$7.70	\$9.70	Short-term on-the-job training
51-9131 Photographic Process Workers	1	250	300	10	10	10	\$9.50	\$11.90	Moderate-term on-the-job training
51-9132 Photographic Processing Machine Operators	0	280	340	10	10	10	\$7.50	\$10.20	Short-term on-the-job training
51-9141 Semiconductor Processors	0	690	720	0	20	20	\$9.90	\$10.90	Associate degree
51-9191 Cementing and Gluing Machine Operators and Tenders	1	90	100	0	0	0	\$10.70	\$13.90	Moderate-term on-the-job training
51-9192 Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	1	220	280	10	10	10	\$8.20	\$10.80	Moderate-term on-the-job training
51-9194 Etchers and Engravers	0	70	70	0	0	0	\$6.60	\$9.20	Long-term on-the-job training
51-9195 Molders, Shapers, and Casters, Except Metal and Plastic	1	420	520	10	10	20	\$8.20	\$12.00	Moderate-term on-the-job training
51-9196 Paper Goods Machine Setters, Operators, and Tenders	4	780	1,030	30	20	40	\$10.30	\$14.10	Moderate-term on-the-job training
51-9198 Helpers--Production Workers	2	5,050	6,490	140	140	290	\$6.80	\$8.70	Short-term on-the-job training
51-9199 Production Workers, All Other	0	740	820	10	20	30	\$7.40	\$10.00	Moderate-term on-the-job training

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Utah Metro Occupational Projections 2002 - 2012

SOC Code	Stars	Employment		Annual Openings			Hourly Wage		Training Level
		2002	2012	Growth	Replacements	Total	Entry	Average	
53-0000 Transportation and Material Moving Occupations		61,230	76,170	1,500	1,320	2,820			
53-1000 Supervisors, Transportation and Material Moving Occupations		2,680	3,270	60	60	120			
53-1011 Aircraft Cargo Handling Supervisors	3	120	140	0	0	10	\$17.10	\$27.60	Related Work Experience
53-1021 First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	5	1,060	1,320	30	30	50	\$12.20	\$18.40	Related Work Experience
53-1031 First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Opera	5	1,500	1,810	30	40	70	\$14.70	\$23.40	Related Work Experience
53-2000 Air Transportation Workers		2,690	3,400	70	70	140			
53-2011 Airline Pilots, Copilots, and Flight Engineers	0	2,090	2,700	60	60	120	\$84.100	\$31.100 *	Bachelor's degree
53-2012 Commercial Pilots	2	150	190	0	0	10	\$26.900	\$38.900 *	Postsecondary vocational training
53-2021 Air Traffic Controllers	2	370	410	0	10	10	\$34.90	\$45.90	Long-term on-the-job training
53-2022 Airfield Operations Specialists	0	50	60	0	0	0	\$7.20	\$13.00	Long-term on-the-job training
53-3000 Motor Vehicle Operators		27,900	36,080	820	410	1,230			
53-3021 Bus Drivers, Transit and Intercity	5	990	1,260	30	20	50	\$11.00	\$14.00	Moderate-term on-the-job training
53-3022 Bus Drivers, School	3	1,730	2,240	50	40	90	\$6.60	\$9.90	Short-term on-the-job training
53-3031 Driver/Sales Workers	3	3,390	4,150	80	60	130	\$7.00	\$11.60	Short-term on-the-job training
53-3032 Truck Drivers, Heavy and Tractor-Trailer	5	12,380	16,190	380	200	580	\$12.60	\$17.00	Moderate-term on-the-job training
53-3033 Truck Drivers, Light or Delivery Services	3	8,350	10,900	260	80	330	\$8.40	\$13.30	Short-term on-the-job training
53-3041 Taxi Drivers and Chauffeurs	1	320	430	10	0	10	\$6.80	\$9.80	Short-term on-the-job training
53-3099 Motor Vehicle Operators, All Other	1	730	910	20	10	30	\$6.40	\$10.00	Short-term on-the-job training
53-4000 Rail Transportation Workers		990	970	0	30	30			
53-4011 Locomotive Engineers	2	390	360	0	10	10	\$24.60	\$34.40	Related Work Experience
53-4013 Rail Yard Engineers, Dinkey Operators, and Hostlers	3	80	90	0	0	0	\$15.10	\$17.60	Related Work Experience
53-4031 Railroad Conductors and Yardmasters	2	470	450	0	10	10	\$18.10	\$29.10	Related Work Experience
53-4099 Rail Transportation Workers, All Other	5	50	80	0	0	0	\$9.70	\$16.40	Moderate-term on-the-job training
53-6000 Other Transportation Workers		1,340	1,740	40	50	90			
53-6021 Parking Lot Attendants	2	500	690	20	20	30	\$6.10	\$7.50	Short-term on-the-job training
53-6031 Service Station Attendants	2	430	560	10	20	30	\$7.50	\$9.50	Short-term on-the-job training
53-6041 Traffic Technicians	0	140	170	0	0	10	\$9.60	\$11.40	Short-term on-the-job training
53-6051 Transportation Inspectors	3	160	180	0	0	10	\$12.30	\$23.50	Related Work Experience
53-6099 Transportation Workers, All Other	4	100	140	0	0	10	\$17.70	\$24.50	Short-term on-the-job training
53-7000 Material Moving Workers		25,630	30,710	510	710	1,220			
53-7011 Conveyor Operators and Tenders	1	250	300	10	10	10	\$10.80	\$13.30	Short-term on-the-job training
53-7021 Crane and Tower Operators	3	190	220	0	0	10	\$15.40	\$19.30	Moderate-term on-the-job training
53-7032 Excavating and Loading Machine and Dragline Operators	5	540	710	20	20	30	\$11.90	\$15.80	Moderate-term on-the-job training
53-7051 Industrial Truck and Tractor Operators	4	3,360	4,190	80	60	150	\$9.50	\$12.70	Short-term on-the-job training
53-7061 Cleaners of Vehicles and Equipment	2	2,510	3,160	70	90	150	\$6.50	\$8.70	Short-term on-the-job training
53-7062 Laborers and Freight, Stock, and Material Movers, Hand	3	11,660	13,290	160	380	540	\$7.40	\$10.50	Short-term on-the-job training
53-7063 Machine Feeders and Offbearers	1	960	1,130	20	30	40	\$7.20	\$9.90	Short-term on-the-job training
53-7064 Packers and Packagers, Hand	2	5,180	6,440	130	100	220	\$6.10	\$8.30	Short-term on-the-job training
53-7072 Pump Operators, Except Wellhead Pumpers	4	170	250	10	0	10	\$11.70	\$18.20	Moderate-term on-the-job training
53-7081 Refuse and Recyclable Material Collectors	1	360	430	10	10	20	\$9.10	\$13.90	Short-term on-the-job training
53-7121 Tank Car, Truck, and Ship Loaders	3	100	120	0	0	10	\$12.20	\$15.50	Moderate-term on-the-job training
53-7199 Material Moving Workers, All Other	3	300	410	10	10	20	\$5.90	\$13.70	Moderate-term on-the-job training

* Annual Wages.

NOTE: Detail may not add to totals due to rounding and the exclusion of small occupations.

Source: Utah Department of Workforce Services, Aug 2004.